

Title (en)

A TISSUE SCAFFOLD PRODUCTION METHOD

Title (de)

GEWEBEGERÜSTHERSTELLUNGSVERFAHREN

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN ÉCHAFAUDAGE DE TISSU

Publication

EP 3153187 B1 20180214 (EN)

Application

EP 16192013 A 20161003

Priority

TR 201512556 A 20151009

Abstract (en)

[origin: EP3153187A1] The present invention relates to a production method of a biodegradable and biocompatible tissue scaffold, which is designed to support cell proliferation by being implanted to the tissue during tissue regeneration after defect of a cartilage and/or bone tissue, and which comprises the steps of synthesizing polypropylene fumarate (PPF) pre-polymer (101), mixing PPF with vinyl phosphonic acid (VPA) or vinyl phosphonic acid ester (VPES) (102), curing the mixture by heating it in the presence of a radical initiator (103), obtaining the porous or nonporous biopolymer that will be used as tissue scaffold (104).

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